

### Reference list of «REVAL-M» LLP

Item No.	Name	Facility	Customer	Project type	Year	Notes
1	Development of the working project «Fiber-optic communication and relay protection of the double-chain power transmission line-110 kV No. 166 and No. 167, and also power transformers of TRDTSN of 80 000 kVA»	KSP Steel LLP	KSP Steel LLP	Energy project	2021	
2	Development of a working project «Installation of a platform for the installation of a two-winding machine on a belt conveyor 3230-CV-106»	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Technological project	2021	
3	Development of the working project «Carrying out aggregate repair of the vibrating screen DLD 3340-SC-106 SCHENCK 3.6 m x 7.3 m»	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Technological project	2021	
4	Development of working documentation «Supply and exhaust ventilation system for air compressors and blowers»	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Technological project	2021	
5	Development of the working project «Reconstruction of traction and distribution substation (TRP-6) Energoupravlenie LLP with replacement of two power transformers of the TDTN-2x25 MVA brand»	Bogatyr Komir LLP	Astana city construction LLP	Energy project	2021	
6	Development of the working project «Aluminum of Kazakhstan». JSC Pavlodar aluminum plant. Pavlodar. CHPP. Replacement of transformers 3T and 4T 80 MVA 110/10 kV»	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2021	
7	Development of design and estimate documentation for the project «Solar electric power plant SES 1.2 MW «Zhez-Solar», Southern industrial zone, Zhezkazgan, Karaganda region»	«Zhezkazgan Plant Of Metal Structures» LLP	«Zhezkazgan Plant Of Metal Structures» LLP	Energy project. Renewable energy sources	2021	
8	Development of the section «Electrical Solutions» of the Pre-TEO «Construction of a combined-cycle gas plant (CCGT) at the SHTEC-3 site of JSC» 3-Energoortalyk»	STEC-3 «3-Energoortalyk» JSC	ENNOVA JSC	Pre-project work	2021	
9	Development of the working project «Aluminum of Kazakhstan» JSC , Kostanay region, Lisakovsk, village. Oktyabrsky, branch of «Aluminum of Kazakhstan» JSC Krasnooktyabrskoe bauxite ore management	Krasnooktyabrskoe bauxite ore management of «Aluminum of Kazakhstan» JSC	RPC «MIR-AS» LLP	Energy project	2020-2021	

	«Device for telemetric data transmission with the organization of data transmission channels and the use of an operational information complex»					
10	Development of the working project «Aluminum of Kazakhstan» JSC. The device of telemetric data transmission of the Keregetas mine with the organization of data transmission channels and the use of the operational information complex (OIC)»	«Keregetas» mine of «Aluminum of Kazakhstan» JSC	RPC «MIR-AS» LLP	Energy project	2020	
11	Development of working documentation «Power supply of the ABK, checkpoint and workshop on the territory of the soda ash plant under construction»	Pavlodar-Soda LLP	Pavlodar-Soda LLP	Energy project	2020	
12	Development of the working project «Aluminum of Kazakhstan» JSC, PAZ, EEC Replacement of oil switches with vacuum switches RP31 in the number of 39 switches»	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2020	
13	Development of a working project «Construction of an automatic fire extinguishing system, warning system and evacuation management in case of a fire at the traffic police station «Festivalnaya», traffic police station «Vostochny», DPTO of the «Vostochny» section»	«Vostochny» section of Euro-Asian Energy Corporation JSC	Eurasian Energy Corporation JSC	Energy project	2020	
14	Development of the electric power distribution scheme of Ekibastuz CHPP	Ekibastuzteploenergo LLP	Ekibastuzteploenergo LLP	Pre-project work	2020	
15	Development of project documentation on the topic: «Replacement of the feed electric pump PEN-2 in the turbine shop»	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Technological project	2020	
16	The scheme of power distribution of wind power plants (WPP of 45 MW Torgalyk)	Kaz Green Energy LLP	TechnoGroupService LLP	Pre-project work. Renewable energy sources	2020	
17	Development of working documentation «Repair of electrical equipment of the main control pane» of Ust-Kamenogorsk TPP LLP	Ust-Kamenogorsk TPP LLP	EKRA KAZAKHSTAN LLP	Energy project	2020	
18	Development of the project «Replacement of the main steam pipelines 140, Ust-Kamenogorsk TPP LLP	Ust-Kamenogorsk TPP LLP	Ust-Kamenogorsk TPP LLP	Technological project	2020	
19	Development of the working project «Reactive Power Compensation Device» (RPCD) of the Don Ore-Dressing Plant - a branch of TNC Kazchrome JSC	Don Ore-Dressing Plant - a branch of TNC Kazchrome JSC	TNC Kazchrome JSC	Energy project	2019-2020	



20	Development of the working project "Aluminum of Kazakhstan JSC, Pavlodar Aluminum Plant, Pavlodar, GPP-2. Replacement of transformers T1 and T2 80MVA 110/10 kV"	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2019-2020	
21	Development of the working project for Aluminum of Kazakhstan JSC, Pavlodar Aluminum Plant. "Emergency lighting device TsS No.4, with redundancy of power supply, from a source unrelated to RP-36"	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2019	
22	Development of the working project for Aluminum of Kazakhstan JSC, Pavlodar Aluminum Plant. Aluminum of Kazakhstan JSC, Pavlodar Aluminum Smelter. EEC. Overhaul of the outdoor lighting system of the PAP territory"	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2019	
23	Calculation of the electric network modes for 220 kV overhead lines No. 2418, 2328 when connecting a 50 MW SES with justification for the possibility of its connection	Kaz Green Energy LLP	TechnoGroupService LLP	Pre-project work. Renewable energy sources	2019	
24	Development of the working project "Aluminum of Kazakhstan JSC, Pavlodar Aluminum Plant. The device ASKUE LMC and integration in Electricity Commercial Metering Automated System PAP"	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2019	
25	Development of a working project "External power supply for open pit No. 2 of the VAM mine of bauxite. Substation 35/6 kV - 2x 4000 kVA, VL-35 kV." Kostanay region, Taranov district, Lissakovsk, Branch of Aluminum of Kazakhstan JSC	Branch of Aluminum of Kazakhstan JSC Krasnooktyabrsk bauxite ore department	Aluminum of Kazakhstan JSC	Energy project	2019	
26	Work on the development of the project ("Project" stage) "Transfer and equipping the central control room", PP of EEC JSC	PP of Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Energy project	2019	
27	Development of a working project "Construction of "Data Center" Substation of 220/20 kV for power supply of the object "Petropavlovsk Data Center" in Petropavlovsk"	PP Solutions LLP	SEVKAZENERGOPROM RESEARCH AND PRODUCTION COMPANY LLP	Energy project	2019-2020	
28	Development of a working project "Industrial downpour sewage at the site of the Coke-Chemical Shop (CCS) of Shubarkol Komir JSC	Shubarkol Komir JSC	Shubarkol Komir JSC	Technological project	2019	

29	Development of the working draft of Aluminum of Kazakhstan JSC, Pavlodar. Pavlodar Aluminum Plant. The device of automatic fire extinguishing systems for PTS	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2019	
30	Development of design and estimate documentation for the project: "Construction of a solar power station with a capacity of 10 MW in the area of Kengir village, Zhezkazgan, Karaganda region	TechnoGroupService LLP	TechnoGroupService LLP	Energy project. Renewable energy sources	2019	Approval received from KEGOC JSC. The positive conclusion of the comprehensive non-departmental examination was received. The facility was commissioned according to the project.
31	Development of a power distribution scheme for a 10 MW solar power plant in the area of Kengir village, Zhezkazgan town of the Karaganda region with coordination in KEGOC JSC and the local electric grid company	TechnoGroupService LLP	TechnoGroupService LLP	Pre-project work. Renewable energy sources	2019	Approval received from KEGOC JSC
32	Work on the implementation (development) of the working project "Reconstruction of the lighting system for the buildings of DPSF, DPSV, DPTO" of Vostochnyi open-pit mine, EEC JSC	Vostochnyi open-pit mine Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Energy project	2019	The positive conclusion of the Gosexpertiza RSE was received.
33	Development of working documentation for modernization "Installation of WARMAN reserve pumps at the flotation and thickening section of the BODP Sulphide Ore Processing Plant"	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Technological project	2018-2019	
34	Development "Scheme for power distribution of a wind power plant (Maikaiyn WPP of 50 MW) in the Ekibastuz district, Pavlodar region"	Altyn Group LLP	Altyn Group LLP	Pre-project work. Renewable energy sources	2019	Approval received from KEGOC JSC
35	Aluminum of Kazakhstan JSC, Pavlodar Aluminum Smelter, Pavlodar. EEC. Calculation of short circuit currents and relay protection settings for 10 kV conductors for power supply RP-15, RP-30, RP-16, RP-57, RP-3, RP-90, RP-36, RP-17, RP-31, RP-33, RP-77, RP-64, RP-64A, RP-92, GPP-2 switchgear, through main feeding substation - 3"	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2019	



36	Designing a system for collecting operational data from the main feeding center to automated dispatch control system	Aksu Ferroalloy Plant – branch of Transnational Company Kazchrome JSC	Transnational Company Kazchrome JSC	Energy project	2018-2019	
37	Checking and calculating the settings of relay protection and automation equipment of the auxiliary network of the VII stage of the Ust-Kamenogorsk TPP	Ust-Kamenogorsk TPP LLP	Energometroservice LLP	Energy project	2018	
38	Development of a working project “Power Supply. Construction of off-site networks and facilities for a soda ash plant with a capacity of 200 thousand tons per year”	Pavlodar-Soda LLP	Pavlodar-Soda LLP	Energy project	2018	The positive conclusion of the comprehensive non-departmental examination by Gosexpertiza RSE was received.
39	Development of a working project “Grounding loop of equipment for process control systems of power units No. 1-6” of PP of EEC JSC	PP of Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Energy project	2018-2019	Received a positive conclusion from a comprehensive non-departmental examination.
40	Development of a working draft “Combined neutral grounding in a 6 kV network CDS-3 of Atyrau Oil Refinery LLP”	Atyrau Oil Refinery LLP	Atyrau Oil Refinery LLP	Energy project	2018	
41	Development of a working draft “Installation of devices for limiting ferroresonant, arc and switching overvoltages in 6 kV networks of CDS-2, Atyrau Oil Refinery LLP	Atyrau Oil Refinery LLP	Atyrau Oil Refinery LLP	Energy project	2018	
42	Development of a working project: “Reconstruction of warehouse No. 1202 fuels and lubricants-2 of the Vostochnyi open-pit mine of EEC JSC	PP of Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Technological project	2018-2019	The positive conclusion of the Gosexpertiza RSE was received.
43	Development of an external power supply scheme for a consumer of Pavlodar-Soda LLP	Pavlodar-Soda LLP	Pavlodar-Soda LLP	Pre-project work	2018	
44	Development of the working project of Aluminum of Kazakhstan JSC, Pavlodar Aluminum Plant. TPP-1, Pavlodar. Replacement of car dumper VRS-90 No. 2”	TPP of Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Technological project	2018	Received a positive conclusion from a comprehensive non-departmental examination.
45	Implementation of a working draft on the topic: “Aluminum of Kazakhstan Pavlodar JSC, Pavlodar Aluminum Plant, TPP. Replacement of the main steam pipe k/a. No. 6”	TPP of Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Technological project	2018	Received a positive conclusion from a comprehensive non-departmental examination.

46	Implementation of the project for the reconstruction of the eastern part of the ring in high-voltage electric transmission lines -6 kV, quarry of KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Energy project	2018	Received a positive conclusion from a comprehensive non-departmental examination. The facility was commissioned according to the project.
47	Development of a working project "Replacement of a 3T TDTs-400000/220 block transformer" by EEC JSC	PP of Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Energy project	2018	The positive conclusion of the comprehensive non-departmental examination by Gosexpertiza RSE was received. The facility was commissioned according to the project.
48	Development of a working project "Power supply of primary crusher with installation of a switchgear 35 kV, BODP"	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Energy project	2018	
49	Development of the working project "Railway weigh station"	Kazakhstan Aluminium Smelter JSC	Kazakhstan Aluminium Smelter JSC	Energy project	2017 - 2018	Received a positive conclusion from a comprehensive non-departmental examination.
50	Development of a working project "Installation of heat ventilation units for the needs of sulfide and oxide production of BODP"	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Technological project	2017 - 2018	
51	Development of a working project: "HPP. Modernization of the electric drive SN-3 with the installation of frequency regulation"	HPP of Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2017 - 2018	Received a positive conclusion from a comprehensive non-departmental examination.
52	Development of a project for differential bus protection of outdoor switch-gear-1	Ust-Kamenogorsk TPP LLP	Ust-Kamenogorsk TPP LLP	Energy project	2017	The facility was commissioned according to the project.
53	Development of a working draft of external power supply with the connection of the second high-voltage input 220 kV PS-220/35 kV BODP from VL-2347 with the installation of the third transformer 125 MVA	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Energy project	2017	Received a positive conclusion from a comprehensive non-departmental examination. The facility was commissioned according to the project.



54	Development of the working project "Replacement of the supply and exhaust ventilation of the TTTs", PP of EEC JSC	PP of Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Technological project	2017 - 2018	Received a positive conclusion from a comprehensive non-departmental examination.
55	Adjustment of the project for the reconstruction of suction units of fuel supply Ust-Kamenogorsk TPP LLP	Ust-Kamenogorsk TPP LLP	Ust-Kamenogorsk TPP LLP	Technological project	2017	
56	Reconstruction of ventilation with the restoration of the supply and exhaust system with connection to the cabinets and reconstruction of the premises in the administration building ShSTs in accordance with the new standard approved by ERG for DODP	Don Ore-Dressing Plant - branch of TNC Kazchrome JSC	TNC Kazchrome JSC	Technological project. Architectural and Construction project	2017	Received a positive conclusion from a comprehensive non-departmental examination.
57	Reconstruction of the premises of warehouse No. 4 of the power plant of EEC JSC	PP of Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Architectural and Construction project	2017	Received a positive conclusion from a comprehensive non-departmental examination.
58	Implementation of design and estimate documentation for Aluminum of Kazakhstan JSC, Pavlodar, Pavlodar Aluminum Plant, EEC. Replacement of the TM-310 telemechanics complex and GPP-2 mnemonboard with an automated dispatch control system for the plant's power supply (ASDU)	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2017	Received a positive conclusion from a comprehensive non-departmental examination.
59	Services for the verification calculation of the TE-31 pipelines (owned by AES Ust-Kamenogorsk TPP LLP) for the strength and self-compensation of temperature expansions, with the issuance of a conclusion on the results of the calculation about the suitability for further operation	AES Ust-Kamenogorsk TPP LLP	Kazpromcontrol LLP	Technological project	2017	
60	Reconstruction of the ventilation system and the premises in the building of the REM site of the Electric Shop in accordance with the new standard approved by ERG, Donskoy GOK - a branch of JSC TNK Kazchrome	Don Ore-Dressing Plant - branch of TNC Kazchrome JSC	TNC Kazchrome JSC	Technological project. Architectural and Construction project	2017	Received a positive conclusion from a comprehensive non-departmental examination.
61	Reconstruction of the ventilation system and premises in the sections of the Electric Shop in accordance with the new standard approved by ERG, Don ODP -branch of TNC	Don Ore-Dressing Plant - branch of TNC Kazchrome JSC	TNC Kazchrome JSC	Technological project. Architectural and Construction project	2017	Received a positive conclusion from a comprehensive non-departmental

	Kazchrome JSC					examination.
62	Development of working documentation "Replacement of a generator circuit breaker with reference to an existing switchgear RU-13.8kV, Bukhtarma Hydropower Complex	Bukhtarma Hydropower Complex	Kazzinc LLP	Energy project. Renewable energy sources	2017	
63	Implementation of design and estimate documentation for Aluminum of Kazakhstan JSC, Pavlodar Aluminum Plant, Pavlodar. Reactive power compensation device in the power grid.	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2017	Received a positive conclusion from a comprehensive non-departmental examination.
64	Construction of a stationary universal line for technical control of cars and trucks, buses and road trains with an axle load of up to 10 tons (LTK-10U-SP-11) of the Don Ore-Dressing Plant - branch of TNC Kazchrome JSC	Don Ore-Dressing Plant - branch of TNC Kazchrome JSC	TNC Kazchrome JSC	Technological project	2017	Received a positive conclusion from a comprehensive non-departmental examination.
65	The device of the oil receiver, oil drain, foundation and fire wall for the installation of the third transformer 220kV 125 MVA at the substation 220kV of Bozshakol Ore-Dressing Plant and the foundation for the premises of operational personnel	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Architectural and Construction project	2017	Received a positive conclusion from a comprehensive non-departmental examination.
66	Development of options for the main switchgear scheme in HPP-3 of PAVLODARENERGO JSC regarding optimization of electric power output	PAVLODARENERGO JSC	SEVKAZENERGOPROM RESEARCH AND PRODUCTION COMPANY LLP	Pre-project work	2017	
67	Development of an external power supply scheme of 220 kV to obtain technical conditions for connecting a second 220 kV input to a 220 kV substation of Bozshakol Ore-Dressing Plant	KAZ Minerals Bozshakol LLP	KAZ Minerals Bozshakol LLP	Pre-project work	2017	Coordinated with KEGOC JSC
68	Development of a working project "Reconstruction of industrial downpour sewage at the coke chemical shop site" Shubarkol Komir JSC	Shubarkol Komir JSC	Shubarkol Komir JSC	Technological project	2017	
69	Development of a working project "220/35/10 kV Substation - Ekibastuz site of Partner Plus Firm LLP. Stage 2 - Construction of 220/35/10 kV Substation	Partner Plus Firm LLP	Partner Plus Firm LLP	Energy project	2016-2017	Received a positive conclusion from a comprehensive non-departmental examination. The facility



						was commissioned according to the project.
70	Work on the development of design documentation for the modernization of relay protection and automation (RPA) of TG st.No.11, AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	Energy project	2016	The facility was commissioned according to the project.
71	Reconstruction of the 110/10 kV gas-supply plant for power supply of workshop No. 4 of the Aktobe Ferroalloy Plant - a branch of TNC Kazchrome JSC	Aktobe Ferroalloy Plant	TNC Kazchrome JSC	Energy project	2016	Received a positive conclusion from a comprehensive non-departmental examination. The facility was commissioned according to the project.
72	Reconstruction of the supply and exhaust ventilation system of the Environment Protection and Industrial Sanitation Laboratory building (inv. No. 159), DGOK, Khromtau, TNC Kazchrome JSC	Don Mining and Processing Plant	TNC Kazchrome JSC	Technological project	2016	Received a positive conclusion from a comprehensive non-departmental examination.
73	Installation of satellite communication antenna and diesel generator at the communication center of Pavlodar, industrial site of KazTransCom JSC in the Northern industrial zone	KazTransCom JSC	KazTransCom JSC	Energy project	2016	Received a positive conclusion from a comprehensive non-departmental examination. The facility was commissioned according to the project.
74	Reconstruction of outdoor switchgear-2 110kV, AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	Energy project	2016	
75	Design of additional sludge pumps and their connection to existing communications of PTs No. 4 of the Aktobe Ferroalloy Plant - a branch of TNC Kazchrome JSC	TNC Kazchrome JSC	Kazenergonaladka Firm LLP	Technological project	2016	Received a positive conclusion from a comprehensive non-departmental examination
76	Development of a working draft "Telemetric data transmission of TPP 1 - RDC SMES KEGOC JSC"	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Energy project	2016	Received a positive conclusion from a comprehensive non-departmental examination
77	Engineering surveys on the facility "Substation 220/35/10 kV - Ekibastuz site of Partner Plus Firm LLP. Stage 2 - Construction of 220/35/10 kV Substation."	Partner Plus Firm LLP	Partner Plus Firm LLP	Pre-project work	2016	
78	Development of a project for the removal of electrical cables from the fuel supply galleries of the TPP	AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	Energy project	2016	

79	Development of a working draft "Installation of a satellite communications antenna and diesel generator at a communications center", Pavlodar	KazTransCom JSC	KazTransCom JSC	Energy project	2016	
80	Development of a working draft "Construction of a highway to a point of production of emulsion explosives of Sibir brand	Nitro Sibir Kazakhstan LLP	Nitro Sibir Kazakhstan LLP	Architectural and Construction project	2016	
81	Development of a working project "Construction of a 35 kV power line (power transmission line) from SSh-35 NS No. 37 to PS-35 / 0.4 kV"	Nitro Sibir Kazakhstan LLP	Nitro Sibir Kazakhstan LLP	Energy project	2016	
82	Development of a working project "Replacement of a car dumper VRS-90 No. 1 at the TPP of Aluminum of Kazakhstan JSC"	Aluminum of Kazakhstan JSC	Aluminum of Kazakhstan JSC	Technological project	2016	Received a positive conclusion from a comprehensive non-departmental examination
83	Replacement of package transformer substation -6 / 0.4 kV, Vostochniy open-pit mine	Eurasian Energy Corporation JSC	Kazenergonaladka Firm LLP	Energy project	2015	The positive conclusion of the Gosexpertiza RSE was received
84	Reconstruction of the suction unit of crushing unit No. 3 of workshop No. 6	Aksu Ferroalloy Plant – branch of Transnational company Kazchrome JSC	Kazenergonaladka FirmaLLP	Technological project	2015	The positive conclusion of the Gosexpertiza RSE was received
85	Reconstruction of relay protection devices for 110 kV lines No. 141,142,143,144 at the TPP of Aluminum of Kazakhstan JSC in Pavlodar Substation	Aluminum of Kazakhstan JSC	Kazenergonaladka Firm LLP	Energy project	2015-2016	The positive conclusion of the Gosexpertiza RSE was received. The facility was commissioned according to the project.
86	Designing a device for tight connections in row A in a turbine workshop of the 7 <sup>th</sup> stage of AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	Architectural and Construction project	2015	The facility was commissioned according to the project.
87	Development of design and estimate documentation for the building of the heat treatment furnace, the checkpoint building and the open warehouse of the plant for the manufacture of heating surfaces and metal structures	Energo Spets Stroy LLP	Energo Spets Stroy LLP	Technological project	2015	The facility was commissioned according to the project.
88	Development of a project on the topic: "Reconstruction of raw water pipelines", Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	STROYINDUSTRIYA LLP	Technological project	2015	The positive conclusion of the Gosexpertiza RSE was received



89	Development of the feasibility study "Construction of the second input of the fuel supply path in the power plant of EEC JSC	Power plant of Eurasian Energy Corporation JSC	Kazenergonaladka Firm LLP	Pre-project work	2015	
90	Development of a project to replace the TRDTsN 63000/110 transformer with TRDN 80 000/110, checking the existing equipment (switching and current-carrying parts, reactors) for their compliance with the changed currents of the short circuit of AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	Energy project	2015	
91	Development of a working project "Replacement of a car dumper No. 3 of the power plant of Eurasian Energy Corporation JSC	Power plant of Eurasian Energy Corporation JSC	Kazenergonaladka Firm LLP	Technological project	2015	The positive conclusion of the Gosexpertiza RSE was received
92	Project development for reconstruction of main switchgear-6/10 kV AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	Firma Kazenergonaladka LLP	Energy project	2015	The facility was commissioned according to the project.
93	Development of a project on the topic: "Replacement of the excitation and reconstruction system of relay protection and automation devices of unit No. 5", Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Nur Stroy Pavlodar LLP	Energy project	2015	The facility was commissioned according to the project.
94	Development of design and estimate documentation "Reconstruction of connections of 35, 110, 220 kV substations with the replacement of obsolete relay protection and automation equipment with microprocessor protection (terminals), state district power plant of Kazakhmys Energy LLP	Kazakhmys Energy LLP	Kazenergonaladka Firm LLP	Energy project	2015 - 2016	The positive conclusion of the Gosexpertiza RSE was received.
95	Development of design and estimate documentation for PS-220 kV, Firma Partner Plus LLP. Stage 1. Construction of 220 kV overhead lines "	Firma Partner Plus LLP	Firma Partner Plus LLP	Energy project	2015	The positive conclusion of the Gosexpertiza RSE was received. The facility was commissioned according to the project.
96	Design of power supply for warehouses No. 1, No. 2 of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Nur Stroy Pavlodar LLP	Energy project	2014	The facility was commissioned according to the project.
97	Drawing up budget documentation for the project on the construction of warehouses No. 1 and No. 2	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2014	The facility was commissioned according to the project.

98	Design work for the “Inertial dust precipitator of the gas duct of furnace No. 61 of the Aksu Ferroalloy Plant”	Aksu Ferroalloy Plant – branch of Transnational company Kazchrome JSC	Kazenergonaladka Firm LLP	Technological project	2014	The facility was commissioned according to the project.
99	Development of design documentation for reinforcing the floor beams in the cable mezzanine room of unit No. 2 in the main building (mark 5.4), Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2014	The facility was commissioned according to the project.
100	Development of working documentation on the topic "Expert examination, assessment of the technical condition with the development of recommendations and technical solutions for the enclosing structures of the emergency section of the tower of the filling station No. 1 of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2014	The facility was commissioned according to the project.
101	Development of design and estimate documentation on the topic: “Expert examination, assessment of the technical condition with the development of recommendations and technical solutions for construction structures of buildings and constructions”	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2014	
102	Work on the development of the project “Modernization of electrical equipment of outdoor switchgear-220 kV”	AES Shulba Hydroelectric Power Station LLP	Kazenergonaladka Firm LLP	Energy project. Renewable energy sources	2014	The positive conclusion of the Gosexpertiza RSE was received. The facility was commissioned according to the project.
103	Services in expert examination of building structures of supports of high portals of outdoor switchgear - 220 kV	AES Shulba Hydroelectric Power Station LLP	AES Shulba Hydroelectric Power Station LLP	Pre-project work. Renewable energy sources	2014	
104	Development of a replacement project for a backup transformer of 02T circuit breaker	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Energy project	2014	The facility was commissioned according to the project.
105	Development of working documentation “Binding of the VSOV-50 / 500-3 hydrogen drainage system to TVV-500 turbogenerators, Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Technological project	2014	The facility was commissioned according to the project.
106	Development of a project for replacing a block transformer 6T and a generator circuit breaker of the power unit No. 6	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Energy project	2014	The facility was commissioned according to the project.



107	Performance of work on adaptation of project documentation, coordination of the project with state authorities of the Republic of Kazakhstan, and field supervision "The first start-up complex of a turbine unit, station No. 12 120 MW, AES Ust-Kamenogorsk TPP LLP"	AES Ust-Kamenogorsk TPP LLP	Kazenergonaladka Firm LLP	Energy project. Technological project	2013 - 2014	The positive conclusion of the Gosexpertiza RSE was received. The facility was commissioned according to the project.
108	Power distribution scheme 1st start-up complex of a turbine unit, station No. 12, AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk TPP LLP	Firma Kazenergonaladka LLP	Pre-project work	2013 - 2014	Approval has been obtained, VK REC JSC, KEGOC JSC. Approved by the Ministry of Energy of the Republic of Kazakhstan
109	Expert examination of the underpass, assessment of the technical condition with the development of technical solutions for strengthening building structures	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
110	Development of design documentation for strengthening the building structure of the 1B car dumper	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
111	Development of design documentation for reinforcing the structure of a fireproof wall in the substation unit No. 3	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
112	Development of design documentation for strengthening the floor beam of block pumping station No. 2	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
113	Development of a project for the industrial development of the Ekibastuzskoye III field, Vostochnyi open-pit mine, EEC JSC	Vostochnyi open-pit mine Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Technological project	2013	The facility was commissioned according to the project.
114	Expert examination, assessment of the technical condition with the development of recommendations and a working project to strengthen the metal structures of the high supports in the highway MS of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
115	Development of working documentation for the electrical part of the 35/6 kV substation and 35 kV overhead lines of Ekibastuz GRES-2 Station JSC and cell 6 outdoor switchgear-35 kV of Substation Stroitel'naya-2, KEGOC JSC	Ekibastuz GRES-2 Station JSC	STROYINDUSTRIYA LLP	Energy project	2013	



116	Development of design and estimate documentation for the device of crane beams in the shops of the metal plant of Karaganda BI Energy Plus LLP	Karaganda BI Energy Plus LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
117	Development of working documentation for the installation of a hard roof on a high part of the chemical water treatment building of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
118	Expert examination of the underpass, assessment of the technical condition with the development of technical solutions to strengthen the building structures of buildings of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	
119	Work on the preparation of a project for the treatment (disinfection) of household waste in Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Technological project	2013	
120	Reconstruction of suction units for fuel supply of AES Ust-Kamenogorsk TPP LLP	AES Ust-Kamenogorsk HPP LLP	AES Ust-Kamenogorsk HPP LLP	Technological project	2013	The facility was commissioned according to the project.
121	Development of a project for the replacement of a 3T transformer of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Energy project	2013	The facility was commissioned according to the project.
122	Restoration of the monolithic foundations of the main building in the area of the power unit st. No. 3 of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Architectural and Construction project	2013	The facility was commissioned according to the project.
123	Implementation of a working project for a coke gas purification system for 5 furnaces of an existing plant (with adaptation of the basic project of the Chinese Design Institute)	Sary-Arka Spetskoks LLP	Sary-Arka Spetskoks LLP	Technological project	2013	The positive conclusion of the Gosexpertiza RSE was received. The facility was commissioned according to the project.
124	Development of design and estimate documentation: "Expert examination and assessment of the technical condition of building structures"	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Pre-project work	2012 - 2013	
125	Construction of a bag filter system for cleaning the suction gases of converters and furnaces PV MPTs BMZ Kazakhmys Smelting LLP, Balkhash, Kazakhstan	Kazakhmys Smelting LLP, Balkhash, Kazakhstan	SPACE-MOTOR CJSC	Technological project	2012 - 2013	The positive conclusion of the Gosexpertiza RSE was received. The facility was commissioned according to the project.
126	Development of a working project "Designing ventilation of showers in the building of the joint auxiliary building of the power plant of EEC JSC"	Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Technological project	2012	



127	Development of design and estimate documentation "Installation of a lightning rod for the building of a nitrogen-oxygen station"	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Energy project	2012	The facility was commissioned according to the project.
128	Development of a working project "Transfer of auxiliary needs of a station of 3 kV voltage to 6 kV voltage"	Aktobe HPP JSC	Aktobe HPP JSC	Energy project	2012 - 2013	The positive conclusion of the Gosexpertiza RSE was received.
129	Designing of switchgear 6/0.4 kV of section 111 NO, 112 NO	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Energy project	2012	The facility was commissioned according to the project.
130	Development of design and estimate documentation "Replacement of DC board - 7, switchgear -0.4 kV 57I, unilateral-maintenance three-phase distribution assembly for gate valves of assemblies and intermediate cabinets of power unit st. No. 7 of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Energy project	2012	The facility was commissioned according to the project.
131	Development of design and estimate documentation "Replacement of DC board - 4, switchgear -0.4 kV 54I, unilateral-maintenance three-phase distribution assembly for gate valves of assemblies and intermediate cabinets of the power unit st. No. 4 of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy Plus LLP	Energy project	2012	The facility was commissioned according to the project.
132	Reconstruction of fuel and lubricants storehouses of Vostochnyi open-pit mine	Vostochnyi open-pit mine Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Technological project	2012	
133	Development of design and estimate documentation "Replacement of roof coating on healthcare complex of the power plant"	Eurasian Energy Corporation JSC Power Plant	Eurasian Energy Corporation JSC	Architectural and Construction project	2012	The facility was commissioned according to the project.
134	Design work on conditioning, ventilation and heating of the excitation system of power unit No. 4	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Kazenergonaladka Firm LLP	Technological project	2012	The facility was commissioned according to the project.
135	Design works on replacement of excitation system in power unit No. 4 with adjustment of working project on relay protection and automatic equipment	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Kazenergonaladka Firm LLP	Energy project	2011 – 2012	The facility was commissioned according to the project.
136	Development of design and estimate documentation "Ventilation in general compressor house premises, fuel oil equipment No. 1 and fuel oil equipment No. 2 of Power Station, Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC PP	Eurasian Energy Corporation JSC	Technological project	2012	

137	Adjustment of design and estimate documentation on reconstruction of dust and gas treatment units in boiler house of Vostochnyi open-pit mine	Vostochnyi open-pit mine Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Technological project	2012	
138	Feasibility studies on the transfer of two boilers with a steam capacity of 10 t/h from fuel oil to solid fuel (taking into account the installation of two boilers for solid fuel). Sketch drawings of the installation of two boilers with a steam capacity of 10 t/h on solid fuel in the existing boiler room	Alga A JSC	Alga A JSC	Pre-project work	2012	
139	Automated process control system for a 500 MW unit No. 1, 2 at Ekibastuz GRES-2 Station JSC	Ekibastuz GRES-2 Station JSC	KAZPROMPRIBOR LLP	Energy project	2011 – 2012	The positive conclusion of the Gosexpertiza RSE was received. Industrial-control system of power unit st. No. 1 was commissioned according to the project.
140	Development of design estimates “Irrigation system for dump-cars of Vostochnyi open-pit mine”	Vostochnyi open-pit mine Eurasian Energy Corporation JSC	Eurasian Energy Corporation JSC	Technological project	2011	
141	Development of design and estimate documentation “Replacement of an ATTTsTG-120000 type 1AT communication autotransformer with an ATDTsTN-125000 autotransformer of the Zhezkazgan TPP, Kazakhmys Corporation LLP	Zhezkazgan TPP, Kazakhmys Corporation LLP	Kazakhmys Corporation LLP	Energy project	2011	The facility was commissioned according to the project.
142	Management, control of fuel oil rate in oil and fuel oil equipment, Ekibastuz GRES-1	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy LLP	Energy project	2011 – 2012	
143	Development of a reconstruction project for BOP switchgear -0.4 kV 53I, power unit No.3, Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy LLP	Energy project	2011 – 2012	The facility was commissioned according to the project.
144	Development of design and estimate documentation “Designing of service sites for KET-20” at Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy LLP	Architectural and Construction project	2011 – 2012	The facility was commissioned according to the project.



145	Development of design and estimate documentation "Replacement of sections VR-04-10; sections 33-34 NO; sections BNS-1,2; sections 31-32 NO; sections 5-6 NO; sections 75-76 NO; sections 77-78 NO; sections 56I; DC board -6" at Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy LLP	Energy project	2011 – 2012	The facility was commissioned according to the project.
146	Development of design and estimate documentation "Modernization of electrical equipment for fuel supply, oil-fuel oil facilities, rotary loading machines" at Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Karaganda BI Energy LLP	Energy project	2011 – 2012	
147	Repair of foam fire extinguishing pipelines at Eurasian Energy Corporation JSC PP	Eurasian Energy Corporation JSC Power Plant	Eurasian Energy Corporation JSC	Technological project	2011	The facility was commissioned according to the project.
148	Reconstruction of electrical in power unit st. No. 8 of Bulat Nurzhanov Ekibastuz GRES-1 LLP	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Ekibastuz-energoremont LLP	Energy project	2010 – 2012	The facility was commissioned according to the project.
149	Development of design and estimate documentation "Reconstruction of dust and gas treatment units in the boiler room of Vostochnyi open-pit mine"	Vostochnyi open-pit mine Eurasian Energy Corporation JSC	Promyshlennaya Gazoochistka Kazakhstana LLP	Technological project	2010 – 2011	
150	Development of design documentation for the installation of metal detectors on belt conveyors LK-11A, B, LK-21A, B, LK-22A, B	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Ekibastuz-energoremont LLP	Energy project	2011	
151	Design work on the reconstruction of fuel supply of stage 2	Bulat Nurzhanov Ekibastuz GRES-1 LLP	Ekibastuz-energoremont LLP	Energy project	2010 – 2011	The facility was commissioned according to the project
152	Reconstruction of the emergency control complex of the Astana energy center	KEGOC JSC	TekhProject LLP	Energy project	2010	The positive conclusion of the Gosexpertiza RSE was received. The facility was commissioned according to the project.
153	Replacement of the working thyristor excitation system of power unit st.7	Ekibastuz GRES-1 LLP	Sibtekhenergo OJSC	Energy project	2010	The facility was commissioned according to the project.
154	Development of a project for the installation of an automatic weighing system for the fuel flow entering the RCB with the installation of balance on the LC 48A, LC 48B	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Energy project	2009 – 2010	The facility was commissioned according to the project.

155	Development of a project for a device for eliminating freezing of fuel in raw coal bunkers in the boiler unit at power unit st. No. 8	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Technological project	2009 – 2010	The facility was commissioned according to the project.
156	Development of a project for an automatic fire extinguishing system within the power unit of st. No. 8 in the galleries LK 48A, LK 48B	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Technological project	2009 – 2010	The facility was commissioned according to the project.
157	Development of the project “System for the automatic loading of raw coal bunkers in the boiler unit of st. No. 8”	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Energy project	2009 – 2010	The facility was commissioned according to the project.
158	Development of a project for the installation of a bag filter of the FABPAC type by ALSTOM as a dust collection system on belt conveyors within the power unit of st. No. 5 on LK 45B, LK 46 A	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Technological project	2009 – 2010	The facility was commissioned according to the project.
159	Development of a project for forced ventilation of premises LK 45B, LK 46A power unit st. No. 5	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Technological project	2009 – 2010	The facility was commissioned according to the project.
160	Development of the project “Dust collection system on belt conveyors within the power unit st. No. 8 on LK48A, LK48B”	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Technological project	2009 – 2010	The facility was commissioned according to the project.
161	Design of the battery, charging units and DC board of the fuel supply workshop in the starting boiler room	Ekibastuz GRES-1 LLP	Ekibastuz GRES-1 LLP	Energy project	2009	The facility was commissioned according to the project.

Director of «REVAL-M» LLP



I.V.Popov